



Water management in Ontario

Ontario
Water Resources
Commission

Water Resources
Bulletin 3-4
Surface water series

Selected streamflow data for Ontario 1969

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WATER RESOURCES BULLETIN 3-4

SURFACE WATER SERIES

ERRATA

Page iii ... TABLE OF CONTENTS

Appendix should read page 108

Page 67 ... BLACK RIVER NEAR BROWN HILL

Station location appearing on the top portion of the page should read as follows:

Location: Below the confluence with Mount Albert Creek, adjacent to Hwy. 48, about 1 mile south of the Hamlet of Brown Hill.

Station location appearing on the bottom portion of the page should read as follows:

Location: Above the confluence with Mount Albert Creek, adjacent to Hwy. 48, about 1 mile south of the Hamlet of Brown Hill.

Page 78 ... HOLLAND RIVER AT NEWMARKET

Station location should read as follows:

Location: At the bridge on Queen Street in the Town of Newmarket.

Page 79 ... TRIBUTARY TO HOLLAND RIVER AT NEWMARKET

Station location should read as follows:

Location: At the bridge at Gorham and Hamilton Streets in the Town of Newmarket.

Page 97 ... SYDENHAM RIVER NEAR DAWN MILLS

Entry on July 4 should be deleted.



**WATER RESOURCES
BULLETIN 3-4**
Surface water series

**SELECTED
STREAMFLOW
DATA FOR
ONTARIO**

1969

Prepared by the
HYDROLOGIC DATA BRANCH

**ONTARIO WATER RESOURCES COMMISSION
DIVISION OF WATER RESOURCES**

TORONTO

ONTARIO

1970

PREFACE

This bulletin contains streamflow data collected by the Hydrologic Data Branch of the Division of Water Resources during the period January to December 1969.

The data supplement that contained in "Surface Water Data" published by the Water Survey of Canada, Department of Energy, Mines and Resources. Streamflow Data collected by the River Basin Research Branch for Representative River Basin studies are not included. They will be published with reports on the basins.

The data are presented in two sections. The first section contains data for stations established and operated on a year round basis, while the second section provides data for gauging sites visited during the summer period only.

Enquiries concerning the data contained herein should be made to the Supervisor of the Hydrologic Data Branch.

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BAYFIELD RIVER NEAR SEAFORTH

Station No. 2FF-101

Location: At the bridge on Side Road 15, Township of Tuckersmith about 1.5 miles southwest of the Town of Seaforth.

Gauge: Wire weight.

Drainage: 32.3 square miles.

Period of Record: May 1967 to December 1969.

Remarks: Records poor.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 8	19.5	Apr. 9	150	July 17	1.4	Nov. 26	115
Mar. 12	12.2	Apr. 17	49.8	July 31	13.4		
		Apr. 29	145	Aug. 14	0.6		
		May 21	130	Aug. 28	1.3		

BEAVERTON RIVER NEAR CANNINGTON

Station No. 2EC-102

Location: At the bridge on Brock Township Side Road 18,
about 1 mile northwest of the Village of Cannington.

Gauge: Staff.

Drainage: 72.5 square miles.

Period of Record: November 1965 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 24	85.0	May 14	93.2	July 7	13.4	Oct. 9	13.5
Feb. 13	105	May 26	65.5	July 14	13.3	Oct. 23	22.5
Mar. 16	36.0	June 3	45.2	July 21	11.6	Nov. 13	29.0
		June 10	23.6	July 29	8.8	Nov. 27	51.0
		June 17	21.1	Aug. 6	6.7		
		June 23	22.0	Aug. 12	6.6		
		June 30	18.0	Aug. 29	11.0		
				Sept. 25	9.6		

BENTLEY CREEK AT INLET TO BOW LAKE

3

Station No. 2HK-103

Location: At the inlet to Bow Lake near Hwy. 28, about
4.5 miles southwest of the Village of Bancroft.

Gauge: Staff.

Drainage: Not available.

Period of Record: July 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 1	4.6	Apr. 14	32.0	July 1	2.0	Oct. 3	0.3
Mar. 4	1.0	Apr. 16	21.6	July 20	1.8	Oct. 11	1.5
Mar. 16	0.5	May 30	8.6	Aug. 10	1.9	Oct. 14	0.6
		June 4	8.5	Sept. 15	0.5	Nov. 23	6.6
		June 16	6.0				
		June 18	6.0				

BLACK CREEK BELOW ACTON

Station No. 2HB-106

Location: At the bridge on concession 4, Township of Esquesing, about 1.5 miles southeast of the Town of Acton.

Gauge: Staff.

Drainage: 5.3 square miles.

Period of Record: April 1966 to December 1969.

Remarks: Records good, fair during low flow period.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 31	27.7	Apr. 29	18.4	July 2	4.4	Nov. 5	4.4
Feb. 26	15.8	May 20	17.0	July 8	5.4	Nov. 7	4.9
Mar. 20	14.7	May 28	5.5	July 16	2.4	Nov. 27	6.3
		June 9	5.8	July 31	4.1		
		June 19	5.6	Aug. 5	3.2		
		June 25	5.6	Aug. 18	3.0		
				Aug. 26	2.8		

BOWMANVILLE CREEK BELOW BOWMANVILLE

5

Station No. 2HD-106

Location: At the bridge on Baseline Road about 1000 feet north of Hwy. 401 in the Town of Bowmanville.

Gauge: Wire weight.

Drainage: 36.5 square miles.

Period of Record: July 1966 to December 1969.

Remarks: Discharge affected by regulation. Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 21	15.0	Apr. 14	26.5	July 3	35.0	Oct. 6	30.8
Feb. 10	50.0	Apr. 21	29.4	July 14	27.4	Oct. 17	30.8
Mar. 20	108	May 5	25.5	July 22	21.9	Oct. 30	52.7
Mar. 24	58.5	May 15	60.4	Aug. 18	43.8	Nov. 17	16.0
		May 22	42.6	Sept. 15	26.6	Dec. 4	17.4
		May 26	36.0	Sept. 18	47.5		
		June 4	54.5	Sept. 30	32.1		
		June 16	33.8				

BOW LAKE AT HWY. 28

Station No. 2HK-102

Location: At the outflow of Bow Lake on Hwy. 28, about 5.5 miles west of the Village of Bancroft.

Gauge: Staff.

Drainage: Not available.

Period of Record: July 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 18	4.9	Apr. 14	24.6	July 1	8.0	Oct. 3	1.2
Feb. 13	4.5	Apr. 16	27.2	July 20	5.0	Oct. 11	0.8
Mar. 4	4.9	May 4	16.0	Aug. 10	5.6	Oct. 14	0.9
Mar. 16	4.1	May 19	18.6	Sept. 14	1.2	Nov. 23	6.0
		May 30	10.3	Sept. 15	1.0		
		June 4	13.2				
		June 16	9.2				
		June 18	7.4				

BUCKLES CREEK AT HWY. 108

7

Station No. 2CD-102

Location: At the bridge on Hwy. 108, about 2.5 miles south of Elliot Lake townsite.

Gauge: Staff.

Drainage: Not available.

Period of Record: June 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 19	10.0	Apr. 1	5.2	July 14	2.5		
Mar. 25	8.0	Apr. 8	21.4				
		Apr. 15	24.3				
		Apr. 22	17.2				
		Apr. 28	26.4				
		Apr. 29	20.8				
		May 6	10.8				
		May 13	9.6				
		May 20	6.4				
		May 27	4.2				
		June 3	6.8				
		June 10	3.9				
		June 16	6.7				
		June 24	4.2				

BUD LAKE WEST OF HWY. 108

Station No. 2CD-113

Location: At the Bridge over the outflow from Bud Lake
on Hwy. 108, about 8 miles north of Elliot Lake
townsite.

Gauge: Staff.

Drainage: Not available.

Period of Record: June 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 30	32.9	Apr. 1	4.6	July 14	1.7		
Mar. 19	4.4	Apr. 9	36.0				
Mar. 25	7.0	Apr. 15	15.0				
		Apr. 22	33.0				
		Apr. 25	39.7				
		Apr. 29	46.0				
		May 6	10.0				
		May 13	10.0				
		May 19	5.5				
		May 27	3.1				
		June 3	21.0				
		June 9	5.0				
		June 16	15.0				
		June 24	4.9				

BUTLER CREEK BELOW BRIGHTON

9

Station No. 2HD-100

Location: At the wooden bridge on the lakeshore road,
about 1 mile south of Hwy. 2 in the Village of
Brighton.

Gauge: Staff.

Drainage: 8.9 square miles.

Period of Record: June 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 19	27.6	Apr. 10	42.2	July 15	2.6	Oct. 1	2.3
		Apr. 15	11.0	Aug. 14	2.2	Oct. 7	2.9
		Apr. 24	18.8	Aug. 19	6.5	Oct. 16	3.2
		May 6	6.0	Sept. 16	2.3	Oct. 29	3.1
		May 14	14.0	Sept. 17	3.6	Nov. 18	9.0
		May 27	7.0				
		June 5	7.2				
		June 19	5.0				

CARRUTHERS CREEK NEAR AJAX

Station No. 2HC-100

Location: At the bridge on Baseline Road, about 0.5 mile east of the Town of Ajax.

Gauge: Staff.

Drainage: 12.0 square miles.

Period of Record: April 1967 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 20	18.8	Apr. 21	14.3	July 3	0.4	Oct. 17	0.3
		May 15	5.1	July 15	N. F.	Oct. 23	1.0
		May 22	9.2	July 21	N. F.	Oct. 30	0.4
		June 4	6.1	Aug. 8	N. F.		
		June 16	1.8	Aug. 20	N. F.		
				Aug. 25	N. F.		
				Sept. 18	N. F.		

CLEAR CREEK AT CLEAR CREEK

11

Station No. 2GC-103

Location: At the bridge on Norfolk County Road 9, in the Hamlet of Clear Creek.

Gauge: Staff.

Drainage: 27.4 square miles.

Period of Record: April 1967 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 15	25.4	Apr. 30	38.0	July 8	23.3	Oct. 29	18.8
Feb. 26	23.9	May 29	28.6	July 9	19.4	Nov. 4	30.5
Mar. 19	26.0	June 6	27.1	July 22	19.0	Nov. 25	26.6
Mar. 20	21.7	June 11	22.8	Aug. 6	16.5	Dec. 4	26.0
		June 24	37.0	Aug. 19	12.9		
				Aug. 28	14.5		

COBOURG BROOK AT COBOURG

Station No. 2HD-103

Location: At the bridge adjacent to the WPCP in the town of Cobourg.

Gauge: Wire weight.

Drainage: 48.7 square miles.

Period of Record: July 1966 to December 1969.

Remarks: Records good. Discharge affected by regulation.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 21	42.8	Apr. 14	43.0	July 15	18.0	Oct. 1	14.1
Feb. 20	65.0	Apr. 24	84.2	Aug. 19	11.5	Oct. 7	16.7
Mar. 4	44.5	May 6	40.0	Sept. 16	14.1	Oct. 16	33.1
Mar. 24	65.0	May 14	66.8	Sept. 17	27.1	Oct. 30	32.5
		May 21	41.0			Nov. 18	24.9
		June 5	44.4				
		June 19	45.8				

13

Location: At the bridge in the Hamlet of Lakeport on the road leading to the Village of Colborne.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 19	49.6	Apr. 24	27.6	Sept. 16	5.6	Oct. 1	7.1
		May 14	21.0	Sept. 17	7.6	Oct. 7	9.2
		June 17	10.0			Oct. 16	9.2
		June 19	10.2			Oct. 30	8.1
						Nov. 18	14.2

CREDIT RIVER NEAR GLENN WILLIAMS

Station No. 2HB-102

Location: At the bridge on Peel County Road 13 in the
Hamlet of Glenn Williams.

Gauge: Wire weight.

Drainage: 180 square miles.

Period of Record: May 1968 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 28	218	July 2	126		
		June 9	154	July 8	105		
		June 19	112	July 16	116		
		June 25	157	July 23	70.9		
				July 28	224		
				Aug. 5	53.0		
				Aug. 11	51.9		
				Aug. 18	76.0		

CREDIT RIVER NEAR INGLEWOOD

15

Station No. 2HB-103

Location: At the bridge on Peel County Road 12, about
0.75 mile southeast of the Hamlet of Inglewood.

Gauge: Staff.

Drainage: 116 square miles.

Period of Record: May 1968 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 28	173	July 2	112	Nov. 5	132
		June 9	141	July 8	97.6	Nov. 7	112
		June 19	170	July 16	81.2	Nov. 27	108
		June 25	140	July 23	71.0		
				July 28	174		
				Aug. 5	70.5		
				Aug. 11	69.1		
				Aug. 18	68.0		

WEST CREDIT RIVER AT BELFOUNTAIN

Station No. 2HB-104

Location: At the bridge on Peel County Road 11 in the
Hamlet of Belfountain.

Gauge: Staff.

Drainage: 39.3 square miles.

Period of Record: June 1968 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 30	53.4	May 20	112	July 2	32.0		
		May 28	48.2	July 8	24.4		
		June 9	38.1	July 16	22.0		
		June 19	41.0	July 22	21.3		
		June 25	34.4	July 28	37.8		
				Aug. 5	21.5		
				Aug. 11	21.3		
				Aug. 18	20.1		

CROWE RIVER ABOVE CHANDOS LAKE

17

Station No. 2HK-100

Location: At the bridge on concession 13, Township of Chandos, about 2.5 miles west of the Hamlet of Rose Island.

Gauge: Staff.

Drainage: Not available.

Period of Record: July 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 18	198	Apr. 14	713				
Feb. 2	333	Apr. 15	799				
Mar. 16	517	May 4	424				
		May 17	374				
		May 30	140				
		June 16	186				

CROWE RIVER AT HWY. 28

Station No. 2HK-101

Location: Below the dam downstream of the bridge on Hwy.
28, about 8 miles west of the Village of Bancroft.

Gauge: Staff.

Drainage: Not available.

Period of Record: July 1966 to December 1969.

Remarks: Records good. Discharge affected by regulation.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 18	42.5	Apr. 15	698	July 1	80.0	Nov. 23	67.5
Feb. 1	55.0	May 4	208	Aug. 10	42.0		
Feb. 13	15.0	May 19	400				
Mar. 4	19.0	May 30	80.0				
Mar. 16	15.0						

DEPOT LAKE - MCCARTHY LAKE

19

Station No. 2CD-101

Location: Between the outlet of Depot Lake and the inlet to McCarthy Lake, near Hwy. 108, about 6 miles south of Elliot Lake townsite.

Gauge: Staff.

Drainage: Not available.

Period of Record: June 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 14	131	Apr. 1	120				
Jan. 19	133	May 13	292				
Jan. 24	129	June 3	140				
Feb. 18	133	June 9	126				
Feb. 25	85.2	June 16	132				
Mar. 4	92.0	June 24	100				
Mar. 10	78.0						
Mar. 21	80.0						
Mar. 24	95.0						

DEER CREEK AT PAUDASH LAKE

Station No. 2HK-104

Location: At the inlet to Paudash Lake about 14 miles west of the Village of Bancroft.

Gauge: Staff.

Drainage: Not available.

Period of Record: July 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 18	32.0	Apr. 14	145	July 20	11.0	Oct. 3	N. F.
Feb. 2	54.0	Apr. 16	148	Sept. 15	N. F.	Oct. 14	N. F.
Feb. 12	54.0	May 4	55.0				
Mar. 4	26.0	May 19	169				
Mar. 16	20.6	May 30	330				
		June 4	28.3				
		June 16	13.0				
		June 18	10.7				

DODD CREEK AT ST. THOMAS

21

Station No. 2GC-104

Location: At the bridge on Hwy. 3 in the City of
St. Thomas.

Gauge: Staff.

Drainage: Not available.

Period of Record: May 1967 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 27	46.1	May 7	15.8	July 10	4.0	Oct. 29	2.2
		May 23	36.1	July 30	6.8		
		June 12	12.1	Aug. 1	2.8		
				Aug. 13	1.1		
				Aug. 27	0.2		
				Aug. 28	0.2		
				Sept. 25	1.7		

DUNLOP LAKE AT HWY. 108

Station No. 2CD-110

Location: At the bridge over the outlet of Dunlop Lake on
Hwy. 108 about 6 miles north of Elliot Lake townsite.

Gauge: Staff.

Drainage: Not available.

Period of Record: June 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 1	62.5	Apr. 1	38.0	July 14	64.0	Oct. 18	59.0
Jan. 21	49.1	Apr. 7	40.0				
Jan. 31	88.3	Apr. 15	133				
Feb. 5	69.5	Apr. 22	175				
Feb. 11	62.5	Apr. 25	156				
Feb. 18	51.5	Apr. 29	177				
Feb. 25	44.8	May 6	141				
Mar. 4	39.5	May 13	111				
Mar. 11	32.5	May 20	98.5				
Mar. 19	28.0	May 27	64.0				
Mar. 25	40.0	June 3	53.5				
		June 9	60.0				
		June 16	62.5				
		June 24	79.0				

EAST RIVER NEAR HUNTSVILLE

23

Station No. 2EB-101

Location: At the bridge on the road leading to the Hamlet of Williamsport, about 6 miles northeast of the Town of Huntsville.

Gauge: Wire weight.

Drainage: 233 square miles.

Period of Record: April 1969 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 17	2350	July 28	202	Oct. 7	136
		Apr. 30	1120	Aug. 13	216	Nov. 18	425
		May 12	1280	Aug. 28	184	Nov. 25	688
		May 28	508	Sept. 8	197		
		June 11	327				
		June 24	251				

EELS CREEK AT HWY. 28

Station No. 2HH-100

Location: At the bridge on Hwy. 28, about 7 miles north
of the Hamlet of Apsley.

Gauge: Staff.

Drainage: Not available.

Period of Record: August 1966 to December 1969.

Remarks: Records good. Discharge affected by regulation.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 14	24.0	July 1	26.0	Oct. 3	34.7
		Apr. 15	16.3	July 20	54.0	Oct. 14	23.4
		May 4	98.0	Sept. 15	98.8		
		May 19	166				
		May 30	22.0				
		June 4	31.8				
		June 16	26.0				

EIGHT MILE CREEK NEAR ST. CATHARINES

25

Station No. 2HA-101

Location: At the bridge on Lakeshore Road, about 1.5 miles east of the City of St. Catharines.

Gauge: Staff.

Drainage: 3.9 square miles.

Period of Record: August 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 30	43.2	Apr. 11	2.9	July 7	0.4	Oct. 21	0.6
Feb. 25	0.1	Apr. 19	39.3	July 14	0.5	Oct. 27	0.9
Mar. 19	1.7	Apr. 28	0.9	July 21	0.2	Nov. 3	0.9
		May 15	2.3	July 28	0.9	Nov. 24	0.6
		May 28	0.2	July 29	0.7	Dec. 3	0.7
		June 3	41.4	Aug. 5	0.5		
		June 9	0.3	Aug. 11	0.4		
		June 16	0.9	Aug. 18	0.5		
		June 23	1.0	Aug. 25	0.6		
		June 30	0.4	Aug. 26	0.7		
				Sept. 22	0.8		

FORTY MILE CREEK AT GRIMSBY

Station No. 2HA-100

Location: At the bridge on the Queen Elizabeth Way, above the WPCP in the Town of Grimsby.

Gauge: Staff.

Drainage: 22.1 square miles.

Period of Record: September 1966 to December 1969.

Remarks: Measurements prior to June 1969 were taken below the Grimsby WPCP outflow. Records poor.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 29	10.3	Apr. 8	0.6	July 7	0.1	Oct. 21	0.2
Mar. 19	38.3	Apr. 11	6.4	July 14	0.4	Oct. 27	0.6
		Apr. 19	241	July 21	0.1	Nov. 3	0.9
		Apr. 28	7.7	July 28	1.0	Nov. 24	0.5
		May 14	22.7	July 29	0.6	Dec. 2	0.6
		May 28	1.0	Aug. 5	0.2		
		June 2	0.6	Aug. 11	0.6		
		June 9	0.5	Aug. 18	0.1		
		June 9	0.4	Aug. 25	N. F.		
		June 16	1.1	Aug. 26	N. F.		
		June 23	1.2	Sept. 22	0.3		
		June 30	2.1				

FOUR MILE CREEK NEAR NIAGARA-ON-THE-LAKE

27

Station No. 2HA-103

Location: Beside Lincoln County Road 2, about 1 mile south of the intersection with Lakeshore Road.

Gauge: Staff.

Drainage: 16.9 square miles.

Period of Record: August 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 9	3.1	July 7	1.5	Oct. 21	4.6
		May 15	10.2	July 14	0.7	Oct. 27	0.2
		May 28	2.3	July 21	0.5	Nov. 3	0.3
		June 9	1.2	July 28	3.7	Nov. 24	2.2
		June 16	1.1	July 29	1.9	Dec. 3	1.3
		June 23	2.1	Aug. 5	0.5		
		June 30	2.1	Aug. 11	0.3		
				Aug. 18	1.2		
				Aug. 25	0.1		
				Aug. 26	0.1		
				Sept. 22	N. F.		

GAGE CREEK AT PORT HOPE

Station No. 2HD-104

Location: At the bridge on Hwy. 2 about 1 mile east of
of the Town of Port Hope.

Gauge: Wire weight.

Drainage: 16.7 square miles.

Period of Record: August 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 19	50.1	Apr. 14	16.0	July 14	2.8	Oct. 6	1.9
Mar. 24	17.3	Apr. 24	18.5	Aug. 18	3.2	Oct. 16	4.0
		May 5	14.9	Sept. 15	2.2	Oct. 30	3.4
		May 15	14.7	Sept. 17	3.5	Nov. 17	5.6
		May 26	15.5	Sept. 30	2.2		
		June 5	13.4				
		June 16	9.5				
		June 19	4.8				

GERMAN MILLS CREEK BELOW RICHMOND HILL

29

Station No. 2HC-101

Location: At the bridge on 16th Avenue about 0.3 mile
east of Hwy. 11 in the Hamlet of Richvale.

Gauge: Staff.

Drainage: 3.7 square miles.

Period of Record: November 1965 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 15	3.0	July 4	2.9	Oct. 9	1.9
		May 26	2.9	July 9	2.4	Oct. 23	2.3
		June 2	2.5	July 17	2.5	Nov. 27	3.0
		June 11	2.7	July 25	2.8		
		June 17	2.5	Aug. 6	3.0		
		June 24	2.8	Aug. 21	2.2		
				Sept. 25	3.6		

GRAHAM CREEK AT NEWCASTLE

Station No. 2HD-105

Location: At concrete bridge on Newcastle Road, about 0.5 mile south of Hwy. 401 in the Village of Newcastle.

Gauge: Staff.

Drainage: 33.3 square miles.

Period of Record: November 1965 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 21	73.5	Apr. 21	42.7	July 3	5.1	Oct. 6	4.8
Feb. 10	38.0	Apr. 24	43.7	July 15	5.1	Oct. 17	11.3
Mar. 4	55.8	May 15	25.2	July 22	3.3	Oct. 30	7.4
Mar. 20	96.2	May 22	25.8	Aug. 18	26.2	Nov. 17	16.4
		June 16	16.3	Sept. 15	3.4	Dec. 4	32.7
				Sept. 30	4.7		

HARMONY CREEK AT OSHAWA

31

Station No. 2HD-107

Location: About 500 feet upstream from the concrete culvert on Harmony Road in the City of Oshawa.

Gauge: Staff.

Drainage: 11.6 square miles.

Period of Record: April 1967 to December 1969.

Remarks: Records poor.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 20	19.2	Apr. 21	13.2	July 15	3.7	Oct. 6	1.3
Mar. 21	13.2	May 15	6.0	July 14	0.8	Oct. 17	1.2
Mar. 24	15.1	May 22	6.4	July 22	0.6	Oct. 30	0.8
		June 4	4.2	Aug. 8	0.3		
		June 16	0.9	Aug. 18	1.0		
				Aug. 20	0.8		
				Sept. 18	N. F.		
				Sept. 30	N. F.		

HOLLAND RIVER NEAR AURORA

Station No. 2EC-100

Location: At the concrete culvert on Hwy. 11, about 0.6 mile above St. Andrews College, Aurora.

Gauge: Staff.

Drainage: 15.1 square miles.

Period of Record: July 1965 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 15	14.5	July 4	6.3	Oct. 9	5.4
		May 27	10.1	July 9	5.5	Oct. 23	5.9
		June 2	7.9	July 17	4.8	Nov. 27	8.3
		June 11	6.0	July 30	17.1		
		June 18	6.0	Aug. 7	5.3		
		June 24	6.9	Aug. 13	5.2		
				Aug. 21	6.6		
				Sept. 25	6.3		

HOUGH LAKE / PECORS LAKE

33

Station No. 2CD-105

Location: Between the outlet of Hough Lake and the inlet to Pecors Lake.

Gauge: Staff.

Drainage: Not available.

Period of Record: July 1967 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 7	48.8				
		Apr. 15	270				
		Apr. 21	270				
		Apr. 25	233				
		Apr. 29	240				
		May 6	161				
		May 7	166				
		May 13	125				
		May 20	96.5				
		May 27	68.4				
		June 2	68.4				
		June 10	52.9				
		June 16	79.0				
		June 24	62.7				

KETTLE CREEK ABOVE ST. THOMAS

Station No. 2GC-107

Location: At the intersection of Elgin County Road 30 and concession 10, about 2 miles northeast of the City of St. Thomas.

Gauge: Staff.

Drainage: Not available.

Period of Record: May 1967 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 1	24.4	July 10	1.9	Oct. 29	1.9
		June 12	13.4	July 30	2.5	Dec. 15	6.8
				Aug. 1	1.4		
				Aug. 13	0.9		
				Aug. 27	0.4		
				Aug. 28	0.7		
				Sept. 25	1.2		

KETTLE CREEK AT ST. THOMAS

35

Station No. 2GC-106

Location: Below the lower dam adjacent to the city water-works in the City of St. Thomas.

Gauge: Staff.

Drainage: Not available.

Period of Record: May 1967 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 20	7.8	May 1	24.3	July 11	1.4	Oct. 29	4.2
		May 13	45.0	July 30	1.2	Dec. 5	9.5
		June 12	16.3	Aug. 13	0.5		
				Aug. 27	0.1		
				Sept. 25	1.4		

KETTLE CREEK AT ST. THOMAS

Station No. 2GC-105

Location: At the bridge on Hwy. 4, below the confluence
with Dodd Creek, in the City of St. Thomas.

Gauge: Staff.

Drainage: Not available.

Period of Record: May 1967 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 10	4.6	Oct. 29	3.9
				July 30	6.9		
				Aug. 1	5.6		
				Aug. 13	1.8		
				Aug. 27	0.9		
				Aug. 28	0.8		
				Sept. 25	2.5		

LUCKNOW RIVER NEAR LUCKNOW

37

Station No. 2FD-102

Location: At the bridge on Huron County Road 27, about
1.5 mile below the Hamlet of Lucknow.

Gauge: Staff.

Drainage: 48.7 square miles.

Period of Record: January 1969 to December 1969.

Remarks: Records poor.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 23	145	Apr. 17	174	July 12	44.4		
				July 17	21.1		
				July 31	68.2		
				Aug. 14	10.9		
				Aug. 28	5.2		

LUCKNOW RIVER AT PORT ALBERT

Station No. 2FD-103

Location: At the concrete bridge on Hwy. 21 near the Hamlet of Port Albert.

Gauge: Staff.

Drainage: 89.3 square miles.

Period of Record: July 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 17	55.1	July 11	43.2	Oct. 29	74.4
				July 17	35.8		
				July 31	84.8		
				Aug. 14	20.8		
				Aug. 28	17.5		

LYNN RIVER ABOVE PORT DOVER

39

Station No. 2GC-102

Location: At the old dam site upstream of Silver Lake in the Town of Port Dover.

Gauge: Staff.

Drainage: 56.5 square miles.

Period of Record: April 1965 to December 1969.

Remarks: Records excellent.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 15	35.0	Apr. 10	108	July 4	52.8	Oct. 21	34.8
Feb. 26	50.8	Apr. 29	88.0	July 8	48.4	Nov. 25	49.5
Mar. 19	49.2	Apr. 30	82.0	July 9	46.5		
Mar. 20	50.4	May 22	124	July 22	40.7		
		May 29	68.5	July 31	51.8		
		June 10	69.3	Aug. 6	37.7		
		June 24	75.5	Aug. 19	38.1		
				Aug. 28	33.1		
				Sept. 24	41.3		

MOIRA RIVER AT BELLEVILLE

Station No. 2HL-100

Location: At the footbridge above Hwy. 2 in the City of Belleville.

Gauge: Wire weight.

Drainage: 1092 square miles.

Period of Record: July 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 25	5250	Apr. 9	4270	July 7	461	Oct. 2	198
Mar. 26	5310	Apr. 22	3710	Aug. 5	389	Oct. 15	77
		May 5	2560	Aug. 19	288		
		May 14	3260	Sept. 16	129		
		June 3	1940				
		June 17	829				

NANTICOKE CREEK AT NANTICOKE

41

Station No. 2GC-101

Location: At bridge on Haldimand County Road 11 at western limits of the Hamlet of Nanticoke.

Gauge: Staff.

Drainage: 71.5 square miles.

Period of Record: April 1967 to December 1969.

Remarks: Records good. Recording gauge established by Inland Waters Branch June 1969.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 5	62.0	Apr. 10	115	July 9	16.4	Nov. 29	14.9
Feb. 26	16.2	Apr. 30	35.0	July 31	10.5	Dec. 4	20.1
Mar. 20	53.1	May 29	68.5	Aug. 28	4.9		
		June 11	66.4	Sept. 24	5.4		

ORCHARD CREEK NEAR MEAFORD

Station No. 2FB-100

Location: At the bridge on concession 6, Township of Saint Vincent about 1 mile northwest of the Town of Meaford.

Gauge: Staff.

Drainage: 3.4 square miles.

Period of Record: June 1968 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 24	15.1	Apr. 16	10.5	July 10	0.6	Oct. 28	9.5
		May 29	2.2	Aug. 6	0.1	Nov. 13	4.2
		June 10	0.6	Aug. 20	1.2		
				Sept. 3	0.2		

PENETANGORE RIVER AT KINCARDINE

43

Station No. 2FD-100

Location: At the concrete bridge on Russel Street in the Town of Kincardine.

Gauge: Staff.

Drainage: 36.5 square miles

Period of Record: May 1967 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 24	90.2	Apr. 17	52.9	Aug. 7	1.4	Oct. 29	10.5
				Aug. 19	0.9	Nov. 13	14.6
				Sept. 4	0.5		

PINE RIVER NEAR AMBERLEY

Station No. 2FD-101

Location: At the bridge on Lakeshore Road about 3.5 miles northeast of the Hamlet of Amberley.

Gauge: Staff.

Drainage: 58.8 square miles.

Period of Record: May 1967 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 10	74.5	July 9	2.7	Oct. 28	37.6
		Apr. 30	53.5	July 31	5.4	Oct. 29	32.8
		May 22	59.0	Aug. 6	2.5	Dec. 2	58.0
		June 11	13.2				

POTTAWATOMI RIVER AT OWEN SOUND

45

Station No. 2FB-102

Location: At the bridge on 14TH Street West in the City of Owen Sound.

Gauge: Wire weight.

Drainage: 22.6 square miles.

Period of Record: May 1967 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 24	105	Apr. 10	153	July 9	10.2	Oct. 2	40.9
Mar. 13	3.0	Apr. 16	100	July 31	12.0	Oct. 28	35.1
		Apr. 30	22.5	Aug. 6	12.4	Nov. 13	30.3
		May 22	18.6	Aug. 20	16.7	Dec. 2	40.9
		May 29	35.2	Aug. 27	7.0		
		June 11	20.3	Sept. 3	6.5		

PRINGLE CREEK AT WHITBY

Station No. 2HD-108

Location: At old steel bridge below Victoria Street East,
in the Town of Whitby.

Gauge: Wire weight.

Drainage: 8.3 square miles.

Period of Record: July 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 21	13.5	Apr. 21	24.9	July 3	4.5	Oct. 17	3.8
Feb. 10	4.8	May 15	8.6	July 15	4.0	Oct. 23	4.5
Mar. 3	3.7	May 22	9.8	July 22	3.7		
Mar. 20	15.7	June 4	9.6	Aug. 8	3.5		
		June 16	4.8	Aug. 20	4.1		
				Aug. 25	3.9		
				Sept. 18	4.4		
				Sept. 30	4.1		

REDHILL CREEK AT HAMILTON

47

Station No. 2HB-107

Location: At the bridge on Barton Street in the City of Hamilton.

Gauge: Staff.

Drainage: 20.4 square miles.

Period of Record: May 1968 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 6	6.2	July 7	1.6	Oct. 21	1.1
		June 9	3.3	July 14	1.4	Nov. 3	2.5
		June 16	3.2	July 21	1.4	Nov. 27	1.5
		June 23	8.7	July 28	2.9		
		June 30	1.8	Aug. 5	1.1		
				Aug. 11	1.0		
				Aug. 18	0.6		
				Aug. 25	0.8		

ROCHESTER CREEK ABOVE QUIRKE LAKE

Station No. 2CD-112

Location: At the mouth of Rochester Creek about 8 miles northeast of Elliot Lake townsite.

Gauge: Staff.

Drainage: Not available.

Period of Record: June 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 2	50.0	Apr. 1	165	July 14	46.5		
Jan. 9	24.5	Apr. 8	53.5				
Jan. 14	34.1	Apr. 15	285				
Jan. 29	67.5	Apr. 22	250				
Feb. 4	56.9	Apr. 28	239				
Feb. 11	48.3	Apr. 29	230				
Feb. 18	39.0	May 6	127				
Feb. 25	28.8	May 13	90.8				
Mar. 4	25.0	May 19	68.6				
Mar. 11	23.0	May 27	49.3				
Mar. 19	23.0	June 3	46.8				
		June 9	57.7				
		June 16	22.5				
		June 24	48.5				

ROCKY SAUGEEN RIVER BELOW MARKDALE

49

Station No. 2FC-100

Location: At the culvert on Side Road 100 about 0.3 mile southwest of the Village of Markdale.

Gauge: Staff.

Drainage: 35.6 square miles.

Period of Record: July 1967 to December 1969.

Remarks: Records poor.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 23	61.2	June 11	76.3	Aug. 9	47.7	Oct. 28	41.7
				Aug. 20	38.9	Nov. 12	32.2
				Sept. 2	32.0		

SALEM CREEK NEAR COLBORNE

Station No. 2HD-101

Location: About 500 feet up-stream from the bridge on Blyth Road about 1.5 miles southeast of the Village of Colborne.

Gauge: Staff.

Drainage: 2.5 square miles.

Period of Record: November 1965 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 21	5.7	Apr. 10	13.3	July 15	3.2	Oct. 1	4.1
Mar. 19	8.9	Apr. 24	8.8	Sept. 16	3.6	Oct. 7	4.4
		May 14	8.7	Sept. 17	4.7	Oct. 16	4.9
		June 5	7.5			Oct. 30	4.7
		June 17	3.5				
		June 19	3.5				

SERPENT RIVER EAST OF HWY. 108

51

Station No. 2CD-114

Location: At the narrows about 1 mile downstream from Consolidated Denison Mine, about 8 miles north of Elliot Lake townsite.

Gauge: Staff.

Drainage: Not available.

Period of Record: August 1966 to July 1969.

Remarks: Station discontinued in July 1969. Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 1	79.7	Apr. 1	60.1	July 14	93.0		
Jan. 9	67.1	Apr. 8	69.2				
Jan. 14	63.0	Apr. 15	192				
Jan. 21	63.0	Apr. 22	204				
Jan. 31	120	Apr. 29	211				
Feb. 4	98.0	May 6	177				
Feb. 11	65.0	May 13	149				
Feb. 18	65.0	May 19	123				
Feb. 25	60.1	May 27	93.0				
Mar. 3	52.6	June 3	108				
Mar. 11	48.2	June 16	118				
Mar. 18	41.8	June 24	87.0				
Mar. 25	58.2						

SHADOW RIVER NEAR ROSSEAU

Station No. 2EB-102

Location: At the bridge on Nipissing Road, about 2.5 miles northwest of the Village of Rosseau.

Gauge: Staff.

Drainage: Not available.

Period of Record: April 1969 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 17	95.0	July 28	N. F.	Oct. 28	5.4
		May 1	40.7	Aug. 13	0.4	Nov. 26	25.7
		May 13	95.0	Aug. 27	N. F.		
		June 11	19.4	Sept. 9	2.1		
		June 25	8.2	Sept. 23	0.6		

SHERIFF CREEK AT HWY. 108

53

Station No. 2CD-103

Location: At the bridge on Hwy. 108 about 0.5 mile north of Elliot Lake townsite.

Gauge: Staff.

Drainage: Not available.

Period of Record: June 1966 to July 1969.

Remarks: Station discontinued in July 1969. Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 3	6.6	Apr. 1	5.5				
Jan. 21	12.1	Apr. 9	25.5				
Jan. 31	4.0	Apr. 15	79.0				
Feb. 5	3.3	Apr. 22	24.5				
Feb. 11	4.8	Apr. 25	32.5				
Feb. 18	2.8	Apr. 29	42.5				
Mar. 4	2.0	May 6	20.5				
Mar. 11	1.5	May 13	12.0				
Mar. 19	2.5	May 20	12.0				
Mar. 25	8.0	May 27	10.0				
		June 3	12.0				
		June 9	9.0				
		June 16	17.5				
		June 24	12.0				

SILVER CREEK BELOW SEAFORTH

Station No. 2FF-100

Location: At the bridge on concession 2, Township of Tuckersmith, about 0.5 mile southeast of the Town of Seaforth.

Gauge: Staff.

Drainage: 5.5 square miles.

Period of Record: May 1967 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 23	16.3	Apr. 17	9.5	Aug. 14	1.2	Nov. 5	2.1
Feb. 18	10.0	Apr. 29	17.8	Aug. 28	0.7	Nov. 26	45.4
		May 21	15.2			Dec. 2	11.0

SIX MILE CREEK NEAR ST. CATHARINES

55

Station No. 2HA-102

Location: At the culvert on Lakeshore Road about 2.5 miles east of the City of St. Catharines.

Gauge: Staff.

Drainage: 8.1 square miles.

Period of Record: September 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 13	0.1	Apr. 8	6.4	July 7	0.1	Oct. 21	N. F.
Jan. 30	94.1	Apr. 19	107	July 14	0.1	Oct. 27	N. F.
Feb. 4	8.8	Apr. 28	2.4	July 21	N. F.	Nov. 3	1.5
Feb. 24	0.4	May 15	4.0	July 28	2.9	Nov. 24	0.4
Feb. 25	1.2	May 28	0.4	July 29	1.2	Dec. 3	0.1
Mar. 18	0.8	June 3	72.6	Aug. 5	0.1		
Mar. 19	3.0	June 9	0.4	Aug. 11	0.1		
		June 16	0.9	Aug. 18	N. F.		
		June 23	0.4	Aug. 25	N. F.		
		June 30	0.1	Aug. 26	N. F.		
				Sept. 22	N. F.		

STOLLERY LAKE - LONG LAKE

Station No. 2CD-111

Location: Between Stollery Lake and Long Lake on the Consolidated Denison property, east of Hwy. 108, about 8 miles north of Elliot Lake townsite.

Gauge: Staff.

Drainage: Not available.

Period of Record: April 1967 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 21	2.6	Apr. 8	14.9	July 8	5.2		
Mar. 31	1.5	Apr. 15	19.5				
		Apr. 22	8.0				
		May 2	10.2				
		May 9	7.5				
		May 21	4.5				
		June 13	25.6				
		June 18	11.3				
		June 24	5.1				
		June 27	56.2				

STONEY CREEK BELOW SELKIRK

57

Station No. 2GC-100

Location: At the bridge on Haldimand County Road 7, about 0.3 mile south of the Hamlet of Selkirk.

Gauge: Staff.

Drainage: 45.5 square miles.

Period of Record: April 1967 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 19	4.5	Apr. 16	46.6	July 8	0.5	Nov. 15	11.1
Feb. 26	2.8	Apr. 29	9.7	July 22	0.1		
Mar. 20	10.9	Apr. 30	11.0	Aug. 5	0.6		
		May 22	40.0	Aug. 18	0.1		
		May 29	2.7				
		June 6	2.1				
		June 11	1.0				
		June 24	1.0				

STONEY CREEK BELOW STONEY CREEK

Station No. 2HB-108

Location: At the bridge on Barton Street below the Town
of Stoney Creek.

Gauge: Staff.

Drainage: 11.2 square miles.

Period of Record: July 1966 to December 1969.

Remarks: Records fair.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 19	5.7	Apr. 19	94.2	July 7	0.2	Oct. 21	0.2
		Apr. 28	4.5	July 14	0.2	Oct. 27	0.4
		May 14	6.6	July 21	0.2	Nov. 3	0.5
		May 28	1.1	July 28	0.8	Nov. 24	N. F.
		June 2	1.3	July 29	0.3	Dec. 2	0.3
		June 9	0.7	Aug. 5	0.2		
		June 16	0.7	Aug. 11	0.1		
		June 23	1.4	Aug. 18	0.1		
		June 30	0.3	Aug. 25	N. F.		
				Aug. 26	0.1		
				Sept. 22	N. F.		

TALBOT CREEK BELOW IONA

59

Station No. 2GF-100

Location: At the bridge on concession 9, Township of Dunwich about 2.5 miles southwest of the Hamlet of Iona.

Gauge: Wire weight.

Drainage: 32.7 square miles.

Period of Record: May 1967 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 26	22.5	Apr. 10	64.9	July 8	9.5	Oct. 23	N. F.
Mar. 20	12.9	May 15	44.5	July 16	1.6	Nov. 4	14.9
		May 29	10.3	July 22	3.4	Nov. 26	27.4
		June 4	59.9	Aug. 6	N. F.		
		June 6	18.2	Aug. 12	N. F.		
		June 24	12.1	Aug. 14	N. F.		
				Aug. 19	N. F.		
				Sept. 10	N. F.		

TELFER CREEK AT LEITH

Station No. 2FB-101

Location: At the small footbridge leading to the Golf Club
in the Hamlet of Leith.

Gauge: Staff.

Drainage: 16.0 square miles.

Period of Record: August 1966 to December 1969.

Remarks: Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 19	21.6	Apr. 16	65.9	July 9	8.7	Oct. 28	40.9
Mar. 13	6.8	Apr. 29	47.5	July 11	12.7	Oct. 29	34.2
		May 22	60.0	July 31	10.2	Nov. 13	23.3
		May 29	28.2	Aug. 6	4.3	Dec. 3	24.9
		June 11	9.5	Aug. 20	10.5		
				Aug. 27	9.5		
				Sept. 3	2.2		
				Sept. 25	3.3		

UXBRIDGE BROOK AT UXBRIDGE

61

Station No. 2EC-101

Location: At the culvert on Main Street North in the Town of Uxbridge.

Gauge: Staff.

Drainage: 12.8 square miles.

Period of Record: September 1966 to December 1969.

Remarks: Discharge affected by regulation. Records good.

1969							
Jan. to Mar.		Apr. to June		July to Sept.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 24	14.8	Apr. 17	10.9	July 7	9.3	Oct. 9	15.6
Feb. 13	8.3	May 9	12.3	July 14	9.0	Oct. 23	19.5
Mar. 6	7.0	May 14	11.8	July 18	8.9	Nov. 13	10.5
Mar. 27	9.3	May 26	10.1	July 29	9.8	Nov. 19	11.3
		May 29	8.8	Aug. 6	9.0	Nov. 27	10.0
		June 3	14.6	Aug. 12	9.3		
		June 10	12.3	Aug. 19	11.2		
		June 17	9.7	Aug. 22	10.0		
		June 23	12.3	Sept. 19	11.3		
		June 30	9.7				

SUMMER GAUGING SITE DATA

AVON RIVER AT STRATFORD

63

Location: At the bridge on North Easthope Side Road 40,
about 1 mile east of Stratford.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 5	37.3	June 4	9.3	July 2	3.9	Aug. 7	3.0
		June 11	6.9	July 9	2.9	Aug. 12	2.6
		June 17	5.0	July 15	2.9	Aug. 19	2.9
		June 25	5.0	July 23	2.6	Aug. 26	1.9
				July 29	5.2		

AUSABLE RIVER NEAR CREDITON

Location: At the bridge on Stephen Township Side Road 1,
about 2 miles southeast of the Hamlet of
Crediton.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 16	6.4	Aug. 13	3.4
				July 30	50.1	Aug. 27	1.9

LITTLE AUSABLE RIVER NEAR LUCAN

Location: At the bridge on Middlesex County Road 22,
about 2 miles west of the Village of Lucan.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	21.5	July 16	0.2	Aug. 13	0.3
				July 30	75.6	Aug. 27	0.2

RIVIERE AU BAUDET NEAR GREEN VALLEY

Location: At the bridge on Glengarry County Road 25,
about 4.5 miles southeast of the Hamlet of
Green Valley.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 22	204			July 17	2.5	Aug. 26	102
				July 31	14.4		

65

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 17	5.3	Aug. 14	3.7
				July 30	9.6	Aug. 27	2.5

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
						Aug. 7	25.9
						Aug. 18	30.0
						Sept. 4	25.4

BEAVERTON RIVER NEAR UXBRIDGE

Location: At the concrete culvert on Hwy. 47 about 1.5 miles east of the Town of Uxbridge.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 14	4.3	June 3	6.5	July 14	1.2	Aug. 19	2.4
May 26	2.2	June 10	1.8	July 21	1.1		
		June 23	1.6	July 29	1.2		

BIG CREEK NEAR TILBURY

Location: At the bridge on concession 8, Township of Tilbury North, about 0.5 mile west of the Hamlet of Richardson.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 16	24.6	July 2	1.1	Aug. 7	10.2
		June 25	9.7	July 9	4.2	Aug. 12	2.8
				July 15	0.6	Aug. 20	1.5
				July 22	7.7	Aug. 26	0.1
				July 23	8.1	Sept. 2	N. F.
				July 29	55.9		

BLACK RIVER NEAR BROWN HILL

67

Location: Above the confluence with Mount Albert Creek, adjacent to Hwy. 48, about 1 mile south of the Hamlet of Brown Hill.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 27	37.7	June 2	19.6	July 9	12.0	Aug. 7	20.0
		June 11	22.3	July 17	10.0	Aug. 13	11.7
		June 18	20.0	July 25	22.0	Aug. 21	15.4

BLACK RIVER NEAR BROWN HILL

Location: Below the confluence with Mount Albert Creek, adjacent to Hwy. 48, about 1 mile south of the Hamlet of Brown Hill.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	40.2	June 2	10.9	July 4	13.1	Aug. 7	9.7
May 27	19.0	June 11	11.3	July 9	5.5	Aug. 13	5.7
		June 18	10.1	July 17	5.1	Aug. 21	7.1
		June 24	10.3	July 25	11.0		
				July 30	25.0		

BLACK RIVER NEAR SHARON

Location: At the culvert on Toronto-York County Road 13,
about 2 miles east of the Hamlet of Sharon.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	11.2	June 2	3.5	July 9	2.1	Aug. 7	1.3
May 27	4.9	June 24	4.0	July 17	1.5	Aug. 13	1.1
				July 25	1.9	Aug. 21	5.2
				July 30	6.5		

BLACK CREEK NEAR HULBERT

Location: At the bridge on Dundas County Road 2 about
1.5 miles south of the Hamlet of Hulbert.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 27	292	July 15	24.7	Aug. 13	1.4
				July 29	121	Aug. 28	11.2

CANARD RIVER NEAR RIVER CANARD

69

Location: At the bridge on concession 6, Township of Anderdon, about 3 miles southeast of the Hamlet of River Canard.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 3	N. F.	Aug. 7	10.4
				July 9	50.6	Aug. 12	N. F.
				July 15	N. F.	Aug. 20	57.9
						Aug. 26	N. F.
						Sept. 2	N. F.

CARP RIVER NEAR FITZROY HARBOUR

Location: At the bridge on Carleton County Road 21, about 0.1 mile east of the Hamlet of Fitzroy Harbour.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	37.9	July 9	14.9	Aug. 6	4.4
		June 19	18.1			Aug. 20	2.3

EAST CASTOR RIVER NEAR MARVELVILLE

Location: At the bridge on Carleton County Road 4,
about 2.7 miles east of the Hamlet of
Marvelville.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 12	7.6	July 16	2.5	Aug. 14	1.7
		June 26	135	July 30	33.9	Aug. 27	1.3

MIDDLE CASTOR RIVER NEAR METCALFE

Location: At the bridge on concession 8, Township of
Osgoode, about 1 mile southeast of the Ham-
let of Metcalfe.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	5.5	July 16	1.1	Aug. 14	1.2
		June 25	32.8	July 30	8.5	Aug. 27	0.2

NORTH CASTOR RIVER NEAR METCALFE

71

Location: At the bridge on Carleton County Road 6,
about 3 miles east of Metcalfe.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	6.0	July 16	2.1	Aug. 14	3.0
		June 25	39.8	July 30	18.1	Aug. 27	3.8

SOUTH CASTOR RIVER AT KENMORE

Location: At the bridge on Carleton County Road 29 in
the Hamlet of Kenmore.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	10.5	July 16	6.2	Aug. 14	3.9
		June 25	111	July 30	9.0	Aug. 27	0.4

CREDIT RIVER AT ERIN

73

Location: At the bridge on Hwy. 24 in the Village of Erin.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 20	32.1	June 9	8.6	July 2	6.8	Aug. 5	5.0
May 28	14.9	June 19	12.4	July 8	8.2	Aug. 11	4.2
		June 25	11.0	July 16	6.4	Aug. 18	3.6
				July 22	5.0		
				July 28	13.2		

CREDIT RIVER NEAR ORANGEVILLE

Location: At the bridge on Hwy. 10 at the southern limits of the Town of Orangeville.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 20	21.7	June 9	9.7	July 2	5.7	Aug. 5	8.9
May 28	17.4	June 19	11.8	July 8	4.4	Aug. 11	6.4
		June 25	6.6	July 16	4.2	Aug. 18	7.2
				July 23	11.9	Aug. 27	7.6
				July 28	10.1		

RIVIERE DELISLE NEAR ALEXANDRIA

Location: At the bridge on the extension of the Ste. Paul Street, about 1.5 miles east of the Town of Alexandria.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 26	38.8	July 18	3.9	Aug. 26	18.9
				July 31	15.7		

DINGMAN CREEK AT LONDON

Location: At the bridge on Wellington Road, 0.7 mile south of Hwy. 401 in the City of London.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	40.4	July 2	1.7	Aug. 7	0.6
		June 11	12.8	July 9	1.3	Aug. 12	0.4
		June 17	6.9	July 15	0.9	Aug. 20	0.7
		June 25	1.3	July 23	0.7	Aug. 26	0.3
				July 29	1.4		

DINGMAN CREEK AT LAMBETH

75

Location: At the bridge on Mill Road, 0.5 mile east of Hwy. 2 in the Town of Lambeth.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 21	1.8	June 4	N. F.	July 2	N. F.	Aug. 7	N. F.
		June 11	0.2	July 9	N. F.	Aug. 12	N. F.
		June 17	N. F.	July 15	N. F.	Aug. 20	N. F.
		June 25	0.1	July 23	N. F.	Aug. 26	N. F.
				July 29	N. F.		

DINGMAN CREEK AT LAMBETH

Location: At the bridge on Mill Road, 0.2 mile east of Hwy. 2 in the Town of Lambeth.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 5	0.5	June 4	0.2	July 2	0.1	Aug. 7	0.1
		June 11	0.2	July 9	0.1	Aug. 12	N. F.
		June 17	0.1	July 15	0.1	Aug. 20	N. F.
		June 25	0.1	July 23	0.1	Aug. 26	N. F.
				July 29	0.1		

FISHERS CREEK ABOVE FISHERS GLEN

Location: At the bridge on Fishers Glen Road, about 1 mile above the Hamlet of Fishers Glen.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 29	5.6	June 10	5.2	July 8	5.0	Aug. 6	4.9
		June 24	5.5	July 22	4.6	Aug. 19	5.2

FLETCHERS CREEK AT MEADOWVALE

Location: At the bridge on concession 2, Township of Toronto about 0.75 mile south of the Hamlet of Meadowvale.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 21	8.5	June 26	2.0	July 8	1.8	Aug. 5	N. F.
				July 16	N. F.	Aug. 14	N. F.
				July 22	N. F.	Aug. 18	N. F.
				July 31	3.0	Aug. 26	N. F.

GRAND RIVER AT KELDON

77

Location: At the concrete bridge on Hwy. 89 in the Hamlet of Keldon.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	4.9			Aug. 8	1.8
						Aug. 18	0.8
						Sept. 5	0.3

GRINDSTONE CREEK AT WATERDOWN

Location: At the bridge on Hwy. 5 in the Village of Waterdown.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 14	39.5	June 2	8.2	July 7	2.6	Aug. 5	6.2
May 28	16.7	June 9	53.3	July 14	2.4	Aug. 11	3.1
		June 16	5.6	July 21	1.4	Aug. 18	2.1
		June 23	4.7	July 28	18.3	Aug. 25	1.1
		June 30	3.6				

HOLLAND RIVER NEAR AURORA

Location: At the bridge on Whitchurch Township Side
Road 25 - 26, about 0.6 mile east of Hwy. 11.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	9.5	June 2	3.3	July 4	2.9	Aug. 7	1.9
May 27	6.2	June 11	2.9	July 9	1.8	Aug. 13	1.5
		June 24	4.2	July 17	1.4	Aug. 18	1.8
				July 30	3.3	Aug. 29	5.5

HOLLAND RIVER AT NEWMARKET

Location: At the bridge at Gorham and Hamilton Streets
in the Town of Newmarket.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	25.4	June 2	10.8	July 9	5.6	Aug. 7	7.3
May 27	17.3	June 11	8.4	July 17	7.5	Aug. 13	7.7
		June 18	9.0	July 30	25.5	Aug. 21	15.6
		June 24	9.4			Aug. 29	16.5

TRIBUTARY TO HOLLAND RIVER AT NEWMARKET

79

Location: At the bridge on Queen Street in the Town of Newmarket.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	5.2	June 2	2.7	July 4	1.3	Aug. 7	1.7
May 27	4.0	June 11	1.4	July 9	1.0	Aug. 13	1.5
		June 18	1.5	July 17	0.9	Aug. 21	2.5
		June 24	3.1	July 25	2.8		
				July 30	4.8		

HORNER CREEK NEAR BRIGHT

Location: At the bridge on concession 12, Township of Blandford, about 2 miles northeast of the Hamlet of Bright.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 4	3.6	Aug. 8	N. F.
				July 8	0.9	Aug. 21	N. F.
				July 24	N. F.		

INDIAN RIVER AT PEMBROKE

Location: At the bridge on Hwy. 41 in the Town of Pembroke.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 5	336	July 9	84.1	Aug. 7	60.5
		June 20	172			Aug. 21	56.8

JOCK RIVER NEAR DWYER HILL

Location: At the bridge on Carleton County Road 10, about 1 mile east of the Hamlet of Dwyer Hill.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 29	63.0	June 10	30.1	July 15	9.6	Aug. 13	0.8
		June 24	44.7	July 28	7.0	Aug. 28	0.1

JOCK RIVER NEAR MANOTICK

81

Location: At the bridge on Hwy. 16, about 3 miles north of the Hamlet of Manotick.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	60.0	July 16	28.9	Aug. 13	11.1
		June 25	135	July 28	40.1	Aug. 27	6.0

KEMPTVILLE CREEK AT KEMPTVILLE

Location: At the bridge adjacent to the WPCP in the Town of Kemptville.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 10	174	July 16	73.5	Aug. 12	12.5
		June 24	203	July 28	19.8	Aug. 25	31.1

KINGS CREEK NEAR DWYER HILL

Location: Adjacent to concession 3, Township of Goulbourn, about 1.5 miles southeast of the Hamlet of Dwyer Hill.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 29	27.4	June 10	10.3	July 15	5.3	Aug. 13	0.1
		June 24	34.9	July 28	6.9	Aug. 28	N. F.

MADWASKA RIVER NEAR ARNPRIOR

Location: At the bridge on Renfrew County Road 2, about 2 miles northwest of the Town of Arnprior.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 5	6830	July 8	5100	Aug. 6	4870
		June 19	3520			Aug. 21	324

83

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 15	20.4	Aug. 1	38.1
						Aug. 15	17.3
						Aug. 29	7.5

[illegible]

MIDDLE MATTLAND RIVER NEAR WINGHAM

Location: At the bridge on concession 1, Township of Morris, about 1.5 miles south of Wingham.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 15	35.4	Aug. 1	27.2
						Aug. 15	11.1
						Aug. 29	21.1

SOUTH MATTLAND RIVER AT SUMMERHILL

Location: At the bridge on Huron County Road 8 in the Hamlet of Summerhill.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 17	5.5	Aug. 14	5.7
				July 31	8.3	Aug. 28	2.7

McGREGGOR CREEK AT RIDGETOWN

85

Location: At the bridge on Erie Road in the Town of Ridgetown.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 21	6.6	June 3	7.4	July 2	1.3	Aug. 7	0.6
		June 12	1.8	July 9	2.6	Aug. 12	0.7
		June 17	1.4	July 15	0.8	Aug. 20	0.7
		June 25	1.6	July 29	1.7	Aug. 26	0.5

MISSISSIPPI RIVER NEAR GALETA

Location: At the bridge on Carleton County Road 22, 0.1 mile east of Galeta.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	4480	July 8	1120	Aug. 6	1030
		June 18	1620			Aug. 20	635

Location: At the bridge on York-Toronto County Road 12,
about 0.2 mile west of Hwy. 48.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	9.0	June 2	7.4	July 4	7.5	Aug. 7	6.8
May 27	7.8	June 11	7.2	July 9	7.0	Aug. 13	3.2
		June 17	7.1	July 17	6.1	Aug. 21	7.7
		June 24	8.0	July 30	8.3	Aug. 29	5.7

MULLET CREEK AT ERIN MILLS

Location: At the bridge on a private road leading west off the Mississauga Road, about 0.25 mile north of the Hamlet of Erin Mills.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 26	1.8	July 16	N. F.	Aug. 5	N. F.
				July 22	N. F.	Aug. 11	N. F.
				July 31	N. F.	Aug. 18	N. F.
						Aug. 26	N. F.

87

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 29	950	June 12	585	June 30	734	Aug. 21	415
		June 27	607			Sept. 10	305

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 12	7.5	July 30	6.1	Aug. 12	4.4
		June 27	8.3			Aug. 29	3.9
						Sept.10	3.7

PAYNE RIVER NEAR BERWICK

Location: At the bridge on concession 6, Township of Finch, about 1 mile northeast of the Hamlet of Berwick.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 12	8.5	July 17	2.8	Aug. 14	4.1
		June 26	183	July 31	35.9	Aug. 26	10.1

PEPPERLAW BROOK AT PEPPERLAW

Location: At the bridge on the private lane adjacent to the fire station in the Hamlet of Pepperlaw.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 26	104	June 3	69.6	July 7	49.2	Aug. 6	46.2
		June 10	62.4	July 14	46.2	Aug. 12	45.2
		June 17	59.9	July 21	43.1	Aug. 19	175
		June 23	59.0	July 29	120		

PEPPERLAW BROOK NEAR SANDFORD

89

Location: At the bridge on Toronto-York County Road 11,
about 2 miles west of the Hamlet of Sandford.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 14	25.7	June 3	31.2	July 7	14.7	Aug. 6	14.0
May 26	19.7	June 10	17.0	July 21	9.4	Aug. 12	14.0
		June 17	16.6	July 29	10.2	Aug. 18	17.8

PEPPERLAW BROOK AT UDORA

Location: At the Estonian Camp, approximately 1 mile
west of Udora along the Scott-Georgina
township line.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 14	67.4	June 3	31.5	July 7	24.4	Aug. 6	19.2
May 26	35.5	June 10	25.2	July 21	16.0	Aug. 12	17.5
		June 23	27.7	July 29	95.5	Aug. 19	92.8
		June 30	26.0				

PETAWAWA RIVER AT PETAWAWA

Location: At the bridge on Hwy. 17 in the Village of Petawawa.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 9	1290	Aug. 7	625
						Aug. 21	598

PIKE CREEK NEAR WINDSOR

Location: At the bridge on Hwy. 2, about 1.5 miles east of Windsor.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 3	0.3	Aug. 6	3.7
				July 10	2.5	Aug. 11	2.2
				July 14	0.3	Aug. 19	9.7
				July 23	15.5	Aug. 25	0.3
						Sept. 3	0.2

PUCE RIVER NEAR WINDSOR

91

Location: At the bridge on Hwy. 2 about 4 miles east of Windsor.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 3	0.7	Aug. 6	2.1
				July 10	2.9	Aug. 11	N. F.
				July 14	1.6	Aug. 19	4.1
				July 23	9.1	Aug. 25	N. F.
						Sept. 3	N. F.

RUSCOM RIVER NEAR RUSCOM

Location: At the bridge on Hwy. 98, about 0.4 mile east of the Hamlet of Ruscom.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 2	2.6	Aug. 7	5.8
				July 9	10.4	Aug. 12	5.3
				July 15	3.2	Aug. 20	6.8
				July 22	26.7	Aug. 26	2.0
						Sept. 2	1.1

SAUBLE RIVER NEAR ALLENFORD

Location: At the side of Hwy. 21, about 0.3 mile west of the Hamlet of Allenford.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	46.6			Aug. 19	35.7
						Sept. 3	11.3

SAUGEEN RIVER NEAR PRICEVILLE

Location: At the bridge on concession 2, Township of Glenelg, about 1.5 miles southeast of the Hamlet of Priceville.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	213			Aug. 8	5.0
						Aug. 20	16.8
						Sept. 4	2.0

93

Location: At the bridge on concession 6, Township of Elderslie, about 2 miles northeast of the Village of Paisley.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	197			Aug. 7	54.9
						Aug. 19	77.3
						Sept. 4	36.2

SOUTH SAUGEEEN RIVER NEAR MOUNT FOREST

Location: At the First bridge downstream of the Canadian National Railways bridge in the Town of Mount Forest.

[illegible]

SCOTCH RIVER NEAR STE. ROSE DE PRESCOTT

Location: At the bridge on Prescott County Road 3, about 1.5 miles east of the Hamlet of Ste. Rose de Prescott.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 22	38.2	June 12	5.0	July 17	2.0	Aug. 26	11.2
		June 26	29.4	July 31	10.2		

SILVER CREEK NEAR COPENHAGEN

Location: At the bridge on Elgin County Road 42, about 1.5 miles east of the Hamlet of Copenhagen.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 29	11.2	June 10	11.8	July 8	8.2	Aug. 6	7.0
		June 24	12.3	July 22	7.5	Aug. 19	8.4

SOUTH NATION RIVER NEAR SOUTH MOUNTAIN

95

Location: At the bridge on the Matilda-Mountain township line, about 3 miles southwest of the Hamlet of South Mountain.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 29	79.8	June 10	78.3	July 16	52.1	Aug. 13	17.0
		June 24	492	July 29	49.8		

TRIBUTARY TO SOUTH NATION RIVER AT INKERMEN

Location: At the bridge on Dundas County Road 3 in the Hamlet of Inkerman.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 28	24.5	June 10	11.8	July 15	5.3	Aug. 13	1.8
		June 24	141	July 29	25.2		

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	32.6	July 8	5.9	Aug. 6	0.1
		June 18	11.3			Aug. 20	2.8

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 29	39.0	June 12	30.4	July 29	29.5	Aug. 12	21.9
						Aug. 28	20.4
						Sept. 10	18.7

SYDENHAM RIVER NEAR DAWN MILLS

97

Location: At the bridge on Kent County Road 15, about 0.25 mile north of the Hamlet of Dawn Mills.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 4	2.1	Aug. 8	41.0
				July 24	47.1	Aug. 21	41.3

TRIBUTARY OF SYDENHAM RIVER BELOW STRATHROY

Location: At the bridge on concession 9, Township of Caradoc, about 5 miles southeast of the Town of Strathroy.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 4	1.3	Aug. 8	6.8
				July 5	12.9	Aug. 21	7.1
				July 24	8.4		

TEESWATER RIVER ABOVE PAISLEY

Location: At the first bridge, Township of Greenock,
upstream of the Hamlet of Paisley.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	194			Aug. 7	72.3
						Aug. 19	49.0
						Sept. 4	12.7

TILBURY CREEK NEAR TILBURY

Location: At the bridge on Hwy. 98, about 1 mile west of the Town of Tilbury.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 12	1.6	July 2	0.3	Aug. 7	3.0
		June 16	8.5	July 9	1.5	Aug. 12	0.8
		June 17	3.2	July 15	0.2	Aug. 20	1.6
		June 25	3.6	July 22	3.2	Aug. 26	0.5
						Sept. 2	N. F.

TEESWATER RIVER NEAR RIVERSDALE

99

Location: At the bridge on Hwy. 9, about 0.1 mile east of the Hamlet of Riversdale.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	121			Aug. 18	41.5
						Sept. 5	27.0

THAMES RIVER AT EMBRO

Location: At the bridge on Oxford County Road 6, in the Village of Embro.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 6	14.9	July 2	4.6	Aug. 7	2.6
		June 11	7.4	July 9	4.0	Aug. 12	2.8
		June 17	5.9	July 15	2.8	Aug. 19	4.4
		June 25	5.9	July 23	2.3	Aug. 26	1.7
				July 29	3.6		

THAMES RIVER NEAR TAVISTOCK

Location: At the bridge on Hwy. 59, about 0.5 mile south of the Village of Tavistock.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 20	31.9	June 4	3.1	July 2	0.1	Aug. 7	0.1
		June 11	1.6	July 9	0.1	Aug. 12	N. F.
		June 17	0.6	July 15	0.1	Aug. 19	1.7
		June 25	0.7	July 23	0.1	Aug. 26	0.3
				July 29	0.4		

TRIBUTARY OF THAMES RIVER AT TAVISTOCK

Location: At the bridge on William Street, about 0.3 mile east of Hwy. 59 in the Village of Tavistock.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 20	1.3	June 4	0.2	July 2	0.1	Aug. 12	N. F.
		June 11	0.1	July 9	N. F.	Aug. 19	0.1
		June 17	0.1	July 15	N. F.	Aug. 26	0.1
				July 23	N. F.		
				July 29	0.1		

TRIBUTARY OF THAMES RIVER AT LONDON

101

Location: At the bridge on concession 1, Township of West Nissouri, adjacent to the London Airport.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 20	28.5	June 6	6.5	July 2	2.3	Aug. 7	0.8
		June 11	3.8	July 9	1.7	Aug. 12	0.6
		June 17	2.9	July 15	1.5	Aug. 20	0.3
		June 25	2.9	July 23	1.2	Aug. 26	0.3
				July 29	0.9		

TRIBUTARY OF THAMES RIVER NEAR MT. BRYDGES

Location: At the bridge on concession 1, Township of Caradoc, about 0.1 mile west of Hwy. 81 in the Hamlet of Mount Brydges.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 21	0.3	June 4	0.2	July 2	0.1	Aug. 7	N. F.
		June 11	0.2	July 9	0.1	Aug. 12	N. F.
		June 17	0.1	July 15	0.1	Aug. 20	N. F.
				July 23	0.1	Aug. 26	N. F.
				July 29	0.1		

TRIBUTARY OF THAMES RIVER NEAR GLENCOE

Location: At the township road bridge about 0.5 mile east of Hwy. 80, and 1 mile south of the Hamlet of Glencoe.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 5	7.7	June 3	9.6	July 2	0.1	Aug. 7	0.1
		June 12	0.6	July 9	0.4	Aug. 12	0.1
		June 17	0.3	July 15	0.1	Aug. 20	0.1
		June 25	0.3	July 23	0.2	Aug. 26	0.1
				July 29	0.5		

TRIBUTARY OF THAMES RIVER NEAR BOTHWELL

Location: At the bridge on Hwy. 2, about 1.5 miles south of the Town of Bothwell.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 21	6.7	June 3	3.4	July 2	0.9	Aug. 7	0.8
		June 12	1.9	July 9	1.1	Aug. 12	0.5
		June 17	1.1	July 15	0.8	Aug. 20	0.6
		June 25	1.8	July 23	0.7	Aug. 26	0.4
				July 29	1.2		

TRIBUTARY OF THAMES RIVER NEAR HIGHGATE

103

Location: At the bridge on concession 7, Township of Oxford, about 0.5 mile north of the Village of Highgate.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 3	5.4	July 2	0.5	Aug. 7	0.4
		June 12	1.5	July 9	0.9	Aug. 12	0.2
		June 17	1.0	July 15	0.5	Aug. 20	0.2
		June 25	1.3	July 23	0.6	Aug. 26	0.1
				July 29	1.8		

TRIBUTARY OF THAMES RIVER AT MERLIN

Location: At the bridge on Hwy. 98, about 0.6 mile west of the Hamlet of Merlin.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 3	12.3	July 2	0.1	Aug. 7	1.3
		June 12	0.7	July 9	0.6	Aug. 12	1.0
		June 17	0.4	July 15	0.1	Aug. 20	0.8
		June 25	1.8	July 23	3.3	Aug. 26	N. F.
				July 29	10.9		

TWELVE MILE CREEK AT DECEW FALLS

Location: At the bridge on First St. Louth, in the Hamlet of Decew Falls.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	13.5	June 3	88.5	July 7	5.5	Aug. 5	4.3
May 28	8.0	June 9	7.2	July 14	5.1	Aug. 11	3.6
		June 16	9.1	July 21	3.6	Aug. 18	4.3
		June 23	30.0	July 28	9.7	Aug. 25	3.4
		June 30	6.1				

TWENTY MILE CREEK AT SMITHVILLE

Location: At the bridge on Lincoln County Road 36, in the Hamlet of Smithville.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	37.9	June 2	4.2	July 7	0.9	Aug. 5	0.4
May 28	8.7	June 9	6.3	July 14	0.5	Aug. 11	N. F.
		June 16	2.6	July 21	0.1	Aug. 18	N. F.
		June 23	2.0	July 28	0.5	Aug. 25	N. F.
		June 30	1.3				

TURKEY CREEK AT WINDSOR

105

Location: At the bridge on Malden Road in the City of Windsor.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 3	12.9	Aug. 7	3.8
				July 10	15.3	Aug. 12	5.5
				July 15	0.6	Aug. 19	9.8
				July 23	16.9	Aug. 25	15.1
				July 28	35.0	Sept. 3	12.4

UXBRIDGE BROOK AT UDORA

Location: Above the bridge on Ontario County Road 21, in the Hamlet of Udora.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	93.6	June 3	31.5	July 7	18.5	Aug. 12	10.8
May 26	40.6	June 10	18.4	July 14	12.0	Aug. 19	42.0
		June 17	16.0	July 21	7.4		
		June 23	17.8	July 29	23.0		

VIVIAN CREEK NEAR MOUNT ALBERT

Location: At the culvert on Herald Road, about 1.5 miles southeast of the Hamlet of Mount Albert.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 15	3.4	June 2	2.7	July 4	1.8	Aug. 7	2.3
May 27	2.6	June 11	2.6	July 9	2.7	Aug. 13	1.3
		June 18	1.8	July 17	1.2	Aug. 21	1.2
		June 24	3.0	July 25	2.5		

WABA CREEK NEAR ARNPRIOR

Location: At the bridge on concession 11, Township of Pakenham, about 4 miles southeast of the Town of Arnprior.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 5	250	July 9	104	Aug. 7	21.3
		June 19	189			Aug. 21	30.4

WILLOW CREEK NEAR MINESING

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Location: At the bridge on Hwy. 26 near the Hamlet of Minesing.

1969							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
May 29	71.0	June 12	30.8	July 30	29.4	Aug. 12	27.7
		June 27	44.5			Aug. 29	23.6
						Sept. 10	24.6

APPENDIX

DEFINITION OF TERMS AND ABBREVIATIONS

The following outline was used as a guide in defining the quality of the records available:

Excellent: Records obtained where an intense discharge measurement program was carried out at a site which has a stable control and a well-defined stage-discharge relationship.

Good: Records obtained where stages are reasonably uniform at a site which may have minor shifting of the control and which has a well defined stage-discharge relationship.

Fair: Records obtained where a scarcity of discharge measurements results in a poorly defined stage-discharge relationship.

Poor: Records obtained at a station where a poor control, a poor discharge measurement section or a scarcity of discharge measurements results in a poorly or non-defined stage-discharge relationship.

DISCHARGE DATA

cfs "Cubic foot per second" is the unit expressing rate of discharge.

N. F. "No flow" is indicated where a condition of no flow of water, or a flow of less than 0.1 cfs, was observed in a stream.

WPCP "Water Pollution Control Plant".



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